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ABSTRACT

Exploratorium Science Snacks are miniature versions of some of the most popular exhibits at the Exploratorium, San Francisco's (California) museum of science, art, and human perception. Nearly 100 teachers worked with Exploratorium staff members to create scaled-down versions of exhibits that teachers could make using common, inexpensive, readily-available materials. This book on energy and matter is one of a series of the Exploratorium Science Snackbook Series. The Snacks are divided into easy-to-follow sections that include instructions, advice, and helpful hints. Each Snack begins with a drawing of the original, full-sized exhibit on the museum floor and a photograph of the scaled-down version that teachers can make. A short paragraph introduces the exhibit, followed by materials needed and suggestions on how to find the materials. Other sections give assembly instructions, descriptions for using the completed exhibits, and explanations of the science concepts behind them. A section called "etc." offers interesting bits of additional scientific and historical information. Sample demonstrations include an electric flea circus made with static electricity, heat waves in an aquarium, simple motors, and a portable cloud in a bottle made with the help of water, a match, and a rubber glove. (PVD)

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